

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	230	348/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/16 20:33
S2	14	S1 and variance	US-PGPUB; USPAT	OR	ON	2007/02/14 13:15
S3	1	"7102673".pn.	US-PGPUB; USPAT	OR	ON	2007/02/14 13:24
S4	6	348/241-253.ccls. and variance with temperature	US-PGPUB; USPAT	OR	ON	2007/02/14 15:20
S5	2	"200023173".pn.	DERWENT	OR	ON	2007/02/14 13:45
S6	2	"200023173".pn.	DERWENT	OR	ON	2007/02/14 13:32
S7	2	variance same temperature same optical adj black	US-PGPUB; USPAT	OR	ON	2007/02/14 13:45
S8	5	variance same temperature same dummy	US-PGPUB; USPAT	OR	ON	2007/02/14 13:45
S9	123	variance same temperature same dark	US-PGPUB; USPAT	OR	ON	2007/02/14 13:46
S10	1	variance same temperature same dark near2 pixel	US-PGPUB; USPAT	OR	ON	2007/02/14 14:20
S11	46	348/241-253.ccls. and noise with estimat\$4	US-PGPUB; USPAT	OR	ON	2007/02/14 14:21
S13	29	takao.in. with tsuruoka.in.	US-PGPUB; USPAT	OR	ON	2007/02/14 14:21
S14	18	takao.in. with tsuruoka.in. and noise	US-PGPUB; USPAT	OR	ON	2007/02/14 14:22
S15	9	takao.in. with tsuruoka.in. and noise with estimat\$4	US-PGPUB; USPAT	OR	ON	2007/02/14 14:22
S16	33	348/241-253.ccls. and average with temperature	US-PGPUB; USPAT	OR	ON	2007/02/14 15:20
S17	5	("20030133615"   "6144408"   "6522355"   "6747696"   "6888568").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/14 15:22
S18	36	("4173772"   "4484223"   "5047861"   "5153732"   "5181118"   "5272536"   "5278658"   "5325412"   "5442394"   "5493334").PN. OR ("6144408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/14 15:30
S19	32	dark adj current with variance	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/14 15:30
S20	3	("20020171819" "6108453" "6888568").PN.	US-PGPUB; USPAT	OR	ON	2007/02/15 15:32

## EAST Search History

S26	336	348/243,244.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:58
S27	1	"7133072".pn.	US-PGPUB; USPAT	OR	ON	2007/02/15 17:26
S28	18	("20040032490"   "3904818"   "4600946"   "4703442"   "4920428"   "5008757"   "5047861"   "5416516"   "5477265"   "5541706"   "5610654"   "5625413"   "5929901"   "6307393"   "6654054"   "6683643"   "6940549"   "6995794").PN. OR ("7133072").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 17:40
S29	1	10/630438 and threshold	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 18:37
S30	77	S26 and threshold	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 18:30
S31	34	S26 and threshold with (noise dark)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 18:30
S32	1	10/630438 and reduc\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 18:37
S33	1	10/630438 and reduc\$4 with (amplitude value)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 18:54
S34	22	"hysteresis smoothing"	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 18:43
S35	31	hysteresis with smooth\$4 with noise	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 18:43
S36	1	10/630438 and reducing	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 18:54
S37	1	10/630438 and reduc\$4 near3 (amplitude value)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 18:54
S38	2034	hysteresis with (smooth\$4 filter\$4)	US-PGPUB; USPAT	OR	ON	2007/02/16 10:59
S39	49	hysteresis with (smooth\$4 filter\$4) same noise with threshold	US-PGPUB; USPAT	OR	ON	2007/02/16 11:21
S40	241	hysteresis with (smooth\$4 filter\$4)	EPO; JPO	OR	ON	2007/02/16 11:03

## EAST Search History

S41	3	hysteresis with (smooth\$4 filter\$4) same noise with threshold same floor	US-PGPUB; USPAT	OR	ON	2007/02/16 11:23
S42	1	"5563962".pn. and width	US-PGPUB; USPAT	OR	ON	2007/02/16 11:26
S43	325	hysteresis with (vary\$4 chang\$4 dynamic\$4) near (threshold height width)	US-PGPUB; USPAT	OR	ON	2007/02/16 11:27
S44	11	hysteresis with (vary\$4 chang\$4 dynamic\$4) near (threshold height width) and ("348".clas. "382".clas. )	US-PGPUB; USPAT	OR	ON	2007/02/16 11:27
S45	16	("5563962").URPN.	USPAT	OR	ON	2007/02/16 11:30
S46	1	("5563962").URPN. and hysteresis	USPAT	OR	ON	2007/02/16 11:31
S47	30	symmetric adj hysteresis	USPAT	OR	ON	2007/02/16 11:50
S48	2	"2002057900".pn.	DERWENT	OR	ON	2007/02/16 11:52
S49	1	"6980335".pn. and threshold	US-PGPUB; USPAT	OR	ON	2007/02/16 11:53
S50	1	"6974973".pn. and temperature	US-PGPUB; USPAT	OR	ON	2007/02/16 20:33
S51	19	("20010011736"   "20020098609"   "20030202111"   "20040032518"   "4739495"   "4862237"   "5008739"   "5047863"   "5452001"   "5886353"   "5929689"   "5953060"   "6101287"   "6144408"   "6303923"   "6330345"   "6418241"   "6483116"   "6607301").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:33
S52	16	S51 and temperature	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:33
S53	10	S51 and temperature with dark	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:37
S54	11358	temperature with (OB optical adj black)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:37
S55	76	temperature with (OB optical adj black) with (estimat\$4 calculat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:41
S56	6	temperature with (OB optical adj black) with (estimat\$4 calculat\$4) and "348".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:37

## EAST Search History

S57	3	temperature with (OB optical adj black) with (estimat\$4 calculat\$4) and @aY<"2002"	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:40
S58	110	temperature with (OB optical adj black dark adj current) with (estimat\$4 calculat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:41
S59	16	temperature with (OB optical adj black dark adj current) with (estimat\$4 calculat\$4) and "348". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:41
S60	10	("4562473"   "4587563"   "4600946"   "4760453"   "4910598"   "5796430"   "6249647"   "6271880"   "6525769").PN. OR ("6927795"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:45
S61	0	S60 and variance	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 20:45
S62	772	348/241.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:21
S63	306	348/243.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:21
S64	72	348/245.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:21
S65	1095	382/254.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:21
S66	446	382/264.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:22
S67	504	382/270.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:22
S68	232	382/272.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:22
S69	114	382/272.ccls. and noise	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:22
S70	3	382/272.ccls. and noise and hyster\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:23

## EAST Search History

S71	3	382/272.ccls. and hyster\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:26
S72	17	382/270.ccls. and hyster\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:23
S73	2	382/271.ccls. and hyster\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:26
S74	4	382/273.ccls. and hyster\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:26
S75	6	S73 S74	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:27
S76	229	382/271,273.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:28
S77	940	382/260.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:28
S78	9	S77 and hyster\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 21:28